

Recent IBM Patents

The following patents were recently issued by the countries in which the inventions were made.

Germany

2,036,516 F. Schedewie
2,134,816 K. Boger, H. R. Geng, V. Goetze
and J. Hajdu
2,622,787 G. Makosch and W. Jaerisch

Optical Character Generator
Device for Address Translation
Interferometric Measurement Apparatus and Method

United Kingdom

1,485,799 B. K. Aldred
1,486,070 I. W. Bolton and I. George

Improvements in Methods of Controlling Data Processing
Clean Gas System for Magnetic Disk File

United States

4,053,873 L. B. Freeman, R. J. Incerto and
J. A. Petrosky, Jr.
4,053,944 J. D. Dixon
4,053,948 S. G. Hogan and C. E. Werve
4,053,950 D. G. Bourke and L. P. Vergari

4,054,816 S. D. Keidl
4,054,989 I. T. Ho and J. Riseman

4,055,219 J. V. Orlandi, N. M. Poley and
D. M. Wilson
4,055,815 A. W. Smith
4,055,884 C. G. Jambotkar
4,056,302 R. J. Braun and W. D. von Voss
4,056,716 D. W. Baxter and R. E. Shipway
4,056,730 D. E. Davis, M. A. Habegger and
H. S. Yourke
4,056,825 R. P. Esch

4,056,846 R. W. Callahan, P. E. Kauffman,
L. J. Kobesky and H. L. Page
4,057,939 J. S. Basi
4,058,887 D. Dewitt

4,059,183 P. K. Hoskins

4,059,184 R. C. Redding and J. L. Vaughan

4,059,323 R. Babuka and J. B. Harris
4,059,385 L. Gultiz, T. W. Kwap, W. I. Lisle,
D. F. O'Kane and M. R. Poponiak
4,059,480 W.-D. Ruh and G. Trippel
4,059,737 F. Gergaud

4,059,800 G. D. Jones, Jr.
4,059,811 C. R. Hoffman
4,059,814 O. G. Folberth
4,060,006 S. C. Abel and J. A. Carlson

4,060,230 W. E. Church and F. F. Quist, Jr.
4,060,232 D. K. Gibson
4,060,327 L. Jacobowitz, E. S. Mathisen and
L. D. Thorp
4,060,362 C. E. Wilson III

Self-Isolating Cross-Coupled Sense Amplifier Latch Circuit

Microprocessor Controlled Signal Pattern Detector
Look Aside Invalidation Mechanism
Residual Status Reporting During Chained Cycle Steal Input/Output
Operations
Sweep Circuit for Cathode-Ray Tube Display
High Reliability, Low Leakage, Self-Aligned Silicon Gate FET and Method
of Fabricating Same
Electric Tip-Off Heat Sink

Q-Switching Injection Laser With Oxygen Implanted Region
Fabrication of Power Field Effect Transistors and the Resulting Structures
Electrical Connection Structure and Method
Defect Inspection of Objects Such as Electronic Circuits
Apparatus for Detecting Registration Marks on a Target Such as a
Semiconductor Wafer
FET Device with Reduced Gate Overlap Capacitance of Source/Drain and
Method of Manufacture
Data Processing System with Apparatus for Sharing Channel Background
Processing
Silicon Wafer Polishing
Method for Forming a Transistor Comprising Layers of Silicon Dioxide
and Silicon Nitride
Dot Matrix Printer with Slanted Print Head and Modular Skewing of Dot
Pattern Information
Single Print Element Selection Apparatus with Multiple Selection
Inhibiting Means
Apparatus for Interconnecting Plural Mating Members
Combustion Monitoring and Control System

Method of Forming Viaducts in Semiconductor Material
Keyboard Switch Structure Having Matrix Arranged Elongated Undulated
Contacts
Digital Multi-Line Companded Delta Modulator
Integrated Circuit Amplifier
Controllable Semiconductor Element
Device for and Method of Affixing the Ends of a Substantially Plastic
Ladder Chain to Make a Continuous Ladder Chain Thereof
Embossing Gate Roller
Controlled Slip Paper Separator
Wide Band Grating Spectrometer

Injection Molding Same Cycle Control

4,060,377	L. R. Hentz, G. F. Pavlovic, A. J. Scarafino and J. J. Seksinsky	Temperature Monitoring Furnace
4,060,427	C. A. Barile, R. M. Brill, J. L. Forneris and J. Regh	Method of Forming an Integrated Circuit Region Through the Combination of Ion Implantation and Diffusion Steps
4,060,812	J. Mako and W. T. Pimbley	Nozzle for an Ink Jet Printer
4,060,907	D. A. Van Hook	Media Skew Compensator
4,061,331	A. B. Habich	Document Receiving Apparatus
4,062,002	D. M. Hannon and H. L. Hu	Device for Biasing Bubble Domains
4,062,038	J. J. Cuomo, T. H. DiStefano and R. Rosenberg	Radiation Responsive Device
4,062,040	S. A. Abbas and R. C. Dockerty	Field Effect Transistor Structure and Method for Making Same
4,062,060	H. J. Nussbaumer	Digital Filter
4,062,659	L. B. Feierabend and O. R. Luhrs	Contouring Magnetic Head Surfaces
4,062,698	A. E. Blakeslee and H. J. Hovel	Photoelectrical Converter
4,062,720	G. E. Alcorn, J. D. Feeley and J. T. Lyman	Process for Forming a Ledge-Free Aluminum-Copper-Silicon Conductor Structure
4,062,737	D. J. Barclay and W. M. Morgan	Electrodeposition of Chromium
4,063,070	G. J.-M. Delarue and M. P. Verhaeghe	Wideband Frequency Multiplier Particularly Adapted for Use in Badge Readers and the Like
4,063,078	S. D. Gupta and E. B. Eichelberger	Clock Generation Network for Level Sensitive Logic System
4,063,080	E. B. Eichelberger, E. I. Muehldorf, R. G. Walther and T. W. Williams	Method of Propagation Delay Testing a Level Sensitive Array Logic System
4,063,082	H. J. Nussbaumer	Device Generating a Digital Filter and a Discrete Convolution Function Therefor
4,063,172	L. H. Faure, H. T. Johnston, Jr. and D. R. Townsend	Multiple Site, Differential Displacement, Surface Contacting Assembly
4,063,223	E. S. Schlig and G. R. Stilwell, Jr.	Nondestructive Cursors in AC Plasma Displays
4,063,252	D. F. Jensen, J. C. Tamulis, T. Tomasky and J. L. Zable	Method and Apparatus for Controlling the Velocity of Ink Drops in an Ink Jet Printer
4,063,254	S. J. Fox and V. C. Martin	Multiple Array Printer
4,063,255	D. J. Bahr and K. H. Burckardt	Electro Erosion Printing Head
4,063,308	C. A. Collins and V. F. Sollitto	Automatic Clock Tuning and Measuring System for LSI Computers
4,063,533	E. M. White	Multiple Brush Developer Applying Apparatus with a Toner Diverter Blade
4,063,630	W. R. Crowe and T. M. Paulson	Typewriter Impact Position Adjustment Mechanism
4,063,808	H. W. Simpson	Apparatus for Neutralizing Toner in a No Charge Exchange Transfer
4,063,812	G. Abraham and G. Bergasse	Projection Printing System with an Improved Mask Configuration
4,063,964	P. P. Peressini, T. M. Reith and M. J. Sullivan	Method for Forming a Self-Aligned Schottky Barrier Device Guardring
4,064,557	R. G. Bluethman, M. E. McBride and W. F. Rogers	System for Merging Data Flow
4,064,985	W. H. Castle, W. R. Crowe and J. L. Herriford	Selectable Dual Ratchet Feed for a Printer Platen
4,065,212	J. G. Belleson and K. Clark	Inspection Tool
4,065,708	H. Ulland, V. Zimmermann and R. Zuehlke	Method and Apparatus for Determining Stepping Motor Parameters from Induced Voltages
4,065,774	C.-H. Lee	Hybrid Fluid Jet Drop Generation
4,065,840	K. C. Park and A. Reisman	Method for Fabricating a DSDT Target